

**IN THE ABSTRACT:**

The Abstract as amended below with a replacement Abstract showing added text with underlining and deleted text with ~~strikethrough~~.

~~The present invention provides a~~ A speaker verification apparatus and method including ~~inputting input~~ an identity claim, ~~selecting select~~ voice information of a registered speaker corresponding to the input identity claim, ~~inputting input~~ a voice of the speaker, ~~analyzing~~ analyze the input voice so as to extract a feature parameter, ~~calculating calculate~~ a verification distance between a feature parameter of the input voice and that of the voice of the registered speaker and the speaker distances between a feature parameter of the input voice and those of the voices of other speakers ~~other than the registered speaker~~; and ~~determining~~ determine whether or not the input voice matches that of the registered speaker ~~corresponding to the input identity claim~~. A false acceptance error rate<sub>i</sub> is input as a threshold, and the false acceptance error rate can be predetermined by a system manager or a user or can be adjusted depending on the performance. ~~A and a~~ and a probability distribution of interspeaker distances is obtained based on the calculated speaker distances between feature parameters of the voices of other registered speakers and that of the input voice. ~~It is determined~~ functions to determine that the input voice is the voice of the registered person specified by the identity claim, ~~in the case where the verification distance between a feature parameter of the voice of the registered speaker and that of the input voice is included in a rejection region of the input false acceptance error rate in the probability distribution of the interspeaker distances.~~